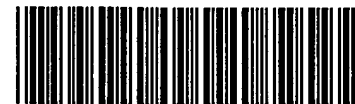


## **RAW SEQUENCE LISTING**

**The Biotechnology Systems Branch of the Scientific and Technical  
Information Center (STIC) no errors detected.**

Application Serial Number: 10/594,674  
Source: 1FWO  
Date Processed by STIC: 11/6/06

# ***ENTERED***



IFWO

**RAW SEQUENCE LISTING**

DATE: 11/06/2006

PATENT APPLICATION: US/10/594,674

TIME: 11:00:28

Input Set : A:\604-790 sequence listing.txt

Output Set: N:\CRF4\11062006\J594674.raw

3 <110> APPLICANT: Universite Bordeaux 2  
 5 <120> TITLE OF INVENTION: Peptides and Peptidomimetics binding to Cd23  
 7 <130> FILE REFERENCE: B0283WO  
 C--> 9 <140> CURRENT APPLICATION NUMBER: US/10/594,674  
 C--> 10 <141> CURRENT FILING DATE: 2006-09-28  
 12 <160> NUMBER OF SEQ ID NOS: 52  
 14 <170> SOFTWARE: PatentIn version 3.2  
 16 <210> SEQ ID NO: 1  
 17 <211> LENGTH: 7  
 18 <212> TYPE: PRT  
 19 <213> ORGANISM: Artificial  
 21 <220> FEATURE:  
 22 <223> OTHER INFORMATION: CD23 binding peptide  
 24 <400> SEQUENCE: 1  
 26 Phe His Glu Asn Trp Pro Ser  
 27 1 5  
 30 <210> SEQ ID NO: 2  
 31 <211> LENGTH: 7  
 32 <212> TYPE: PRT  
 33 <213> ORGANISM: Artificial  
 35 <220> FEATURE:  
 36 <223> OTHER INFORMATION: CD23 binding peptide  
 38 <400> SEQUENCE: 2  
 40 Phe His Glu Phe Trp Pro Thr  
 41 1 5  
 44 <210> SEQ ID NO: 3  
 45 <211> LENGTH: 7  
 46 <212> TYPE: PRT  
 47 <213> ORGANISM: Artificial  
 49 <220> FEATURE:  
 50 <223> OTHER INFORMATION: CD23 binding peptide  
 52 <400> SEQUENCE: 3  
 54 Phe His Ser Gln Trp Pro Asn  
 55 1 5  
 58 <210> SEQ ID NO: 4  
 59 <211> LENGTH: 6  
 60 <212> TYPE: PRT  
 61 <213> ORGANISM: Artificial  
 63 <220> FEATURE:  
 64 <223> OTHER INFORMATION: CD23 binding peptide  
 66 <400> SEQUENCE: 4  
 68 Phe His Glu Asn Trp Pro  
 69 1 5

*see p. 6*

## RAW SEQUENCE LISTING

DATE: 11/06/2006

PATENT APPLICATION: US/10/594,674

TIME: 11:00:28

Input Set : A:\604-790 sequence listing.txt

Output Set: N:\CRF4\11062006\J594674.raw

72 <210> SEQ ID NO: 5  
73 <211> LENGTH: 7  
74 <212> TYPE: PRT  
75 <213> ORGANISM: Artificial  
77 <220> FEATURE:  
78 <223> OTHER INFORMATION: CD23 binding peptide  
80 <400> SEQUENCE: 5  
82 Phe His Glu Asn Trp Pro Thr  
83 1 5  
86 <210> SEQ ID NO: 6  
87 <211> LENGTH: 7  
88 <212> TYPE: PRT  
89 <213> ORGANISM: Artificial  
91 <220> FEATURE:  
92 <223> OTHER INFORMATION: CD23 binding peptide  
94 <400> SEQUENCE: 6  
96 Phe His Glu Gln Trp Pro Ser  
97 1 5  
100 <210> SEQ ID NO: 7  
101 <211> LENGTH: 6  
102 <212> TYPE: PRT  
103 <213> ORGANISM: Artificial  
105 <220> FEATURE:  
106 <223> OTHER INFORMATION: CD23 binding peptide  
108 <400> SEQUENCE: 7  
110 His Glu Asn Trp Pro Ser  
111 1 5  
114 <210> SEQ ID NO: 8  
115 <211> LENGTH: 6  
116 <212> TYPE: PRT  
117 <213> ORGANISM: Artificial  
119 <220> FEATURE:  
120 <223> OTHER INFORMATION: CD23 binding peptide  
122 <400> SEQUENCE: 8  
124 His Lys Asn Trp Pro Arg  
125 1 5  
128 <210> SEQ ID NO: 9  
129 <211> LENGTH: 7  
130 <212> TYPE: PRT  
131 <213> ORGANISM: Artificial  
133 <220> FEATURE:  
134 <223> OTHER INFORMATION: CD23 binding peptide  
136 <400> SEQUENCE: 9  
138 His Glu Asn Trp Pro Ser Phe  
139 1 5  
142 <210> SEQ ID NO: 10  
143 <211> LENGTH: 7  
144 <212> TYPE: PRT  
145 <213> ORGANISM: Artificial

## RAW SEQUENCE LISTING

DATE: 11/06/2006

PATENT APPLICATION: US/10/594,674

TIME: 11:00:28

Input Set : A:\604-790 sequence listing.txt

Output Set: N:\CRF4\11062006\J594674.raw

147 <220> FEATURE:  
148 <223> OTHER INFORMATION: CD23 binding peptide  
150 <400> SEQUENCE: 10  
152 Pro His Lys Pro Trp Arg Ala  
153 1 5  
156 <210> SEQ ID NO: 11  
157 <211> LENGTH: 21  
158 <212> TYPE: DNA  
159 <213> ORGANISM: Artificial  
161 <220> FEATURE:  
162 <223> OTHER INFORMATION: nucleotide sequence encoding for CD23 binding peptide  
164 <400> SEQUENCE: 11  
165 ttcatgaga attggccttc g 21  
168 <210> SEQ ID NO: 12  
169 <211> LENGTH: 21  
170 <212> TYPE: DNA  
171 <213> ORGANISM: Artificial  
173 <220> FEATURE:  
174 <223> OTHER INFORMATION: nucleotide sequence encoding CD23 binding peptide  
176 <400> SEQUENCE: 12  
177 ttcatgagt ttggcctac c 21  
180 <210> SEQ ID NO: 13  
181 <211> LENGTH: 21  
182 <212> TYPE: DNA  
183 <213> ORGANISM: Artificial  
185 <220> FEATURE:  
186 <223> OTHER INFORMATION: nucleotide sequence encoding CD23 binding peptide  
188 <400> SEQUENCE: 13  
189 ttcatcgag agtggcctaa c 21  
192 <210> SEQ ID NO: 14  
193 <211> LENGTH: 18  
194 <212> TYPE: DNA  
195 <213> ORGANISM: Artificial  
197 <220> FEATURE:  
198 <223> OTHER INFORMATION: nucleotide sequence encoding CD23 binding peptide  
200 <400> SEQUENCE: 14  
201 ttcatgaga attggcct 18  
204 <210> SEQ ID NO: 15  
205 <211> LENGTH: 21  
206 <212> TYPE: DNA  
207 <213> ORGANISM: Artificial  
209 <220> FEATURE:  
210 <223> OTHER INFORMATION: nucleotide sequence encoding CD23 binding peptide  
212 <400> SEQUENCE: 15  
213 ttcatgaga attggcctac c 21  
216 <210> SEQ ID NO: 16  
217 <211> LENGTH: 21  
218 <212> TYPE: DNA  
219 <213> ORGANISM: Artificial

## RAW SEQUENCE LISTING

DATE: 11/06/2006

PATENT APPLICATION: US/10/594,674

TIME: 11:00:29

Input Set : A:\604-790 sequence listing.txt

Output Set: N:\CRF4\11062006\J594674.raw

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221 <220> FEATURE:
222 <223> OTHER INFORMATION: nucleotide sequence encoding CD23 binding peptide
224 <400> SEQUENCE: 16
225 ttcatgagc agtggccttc g 21
228 <210> SEQ ID NO: 17
229 <211> LENGTH: 18
230 <212> TYPE: DNA
231 <213> ORGANISM: Artificial
233 <220> FEATURE:
234 <223> OTHER INFORMATION: nucleotide sequence encoding CD23 binding peptide
236 <400> SEQUENCE: 17
237 catgagaatt ggccttcg 18
240 <210> SEQ ID NO: 18
241 <211> LENGTH: 18
242 <212> TYPE: DNA
243 <213> ORGANISM: Artificial
245 <220> FEATURE:
246 <223> OTHER INFORMATION: nucleotide sequence encoding CD23 binding peptide
248 <400> SEQUENCE: 18
249 cataagaatt ggccttcg 18
252 <210> SEQ ID NO: 19
253 <211> LENGTH: 21
254 <212> TYPE: DNA
255 <213> ORGANISM: Artificial
257 <220> FEATURE:
258 <223> OTHER INFORMATION: nucleotide sequence encoding CD23 binding peptide
260 <400> SEQUENCE: 19
261 catgagaatt ggccttcggtt t 21
264 <210> SEQ ID NO: 20
265 <211> LENGTH: 21
266 <212> TYPE: DNA
267 <213> ORGANISM: Artificial
269 <220> FEATURE:
270 <223> OTHER INFORMATION: nucleotide sequence encoding CD23 binding peptide
272 <400> SEQUENCE: 20
273 ttccataagc cttggagggc c 21
276 <210> SEQ ID NO: 21
277 <211> LENGTH: 7
278 <212> TYPE: PRT
279 <213> ORGANISM: Artificial
281 <220> FEATURE:
282 <223> OTHER INFORMATION: CD23 binding peptide
284 <400> SEQUENCE: 21
286 Phe His Glu Ser Trp Pro Pro
287 1 5
290 <210> SEQ ID NO: 22
291 <211> LENGTH: 7
292 <212> TYPE: PRT
293 <213> ORGANISM: Artificial

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## RAW SEQUENCE LISTING

DATE: 11/06/2006

PATENT APPLICATION: US/10/594,674

TIME: 11:00:29

Input Set : A:\604-790 sequence listing.txt

Output Set: N:\CRF4\11062006\J594674.raw

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295 <220> FEATURE:
296 <223> OTHER INFORMATION: CD23 binding peptide
298 <400> SEQUENCE: 22
300 Phe His Glu Phe Trp Pro Leu
301 1      5
304 <210> SEQ ID NO: 23
305 <211> LENGTH: 7
306 <212> TYPE: PRT
307 <213> ORGANISM: Artificial
309 <220> FEATURE:
310 <223> OTHER INFORMATION: CD23 binding peptide
312 <400> SEQUENCE: 23
314 Phe His Ser Gln Trp Pro Gly
315 1      5
318 <210> SEQ ID NO: 24
319 <211> LENGTH: 6
320 <212> TYPE: PRT
321 <213> ORGANISM: Artificial
323 <220> FEATURE:
324 <223> OTHER INFORMATION: CD23 binding peptide; Xaa is tetrahydrolsoquinoline-3-
carboxylic
325      acid, 4' indolyl alanine, or beta tryptophan
328 <220> FEATURE:
329 <221> NAME/KEY: misc_feature
330 <222> LOCATION: (4)..(4)
331 <223> OTHER INFORMATION: Xaa can be any naturally occurring amino acid
333 <400> SEQUENCE: 24
W--> 335 His Glu Asn Xaa Pro Ser
336 1      5
339 <210> SEQ ID NO: 25
340 <211> LENGTH: 6
341 <212> TYPE: PRT
342 <213> ORGANISM: Artificial
344 <220> FEATURE:
345 <223> OTHER INFORMATION: CD23 binding peptide
347 <400> SEQUENCE: 25
349 His Asn Glu Trp Pro Ser
350 1      5
353 <210> SEQ ID NO: 26
354 <211> LENGTH: 5
355 <212> TYPE: PRT
356 <213> ORGANISM: Artificial
358 <220> FEATURE:
359 <223> OTHER INFORMATION: CD23 binding peptide
361 <400> SEQUENCE: 26
363 His Asn Glu Trp Pro
364 1      5
367 <210> SEQ ID NO: 27
368 <211> LENGTH: 6
369 <212> TYPE: PRT

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RAW SEQUENCE LISTING ERROR SUMMARY  
PATENT APPLICATION: US/10/594,674

DATE: 11/06/2006  
TIME: 11:00:30

Input Set : A:\604-790 sequence listing.txt  
Output Set: N:\CRF4\11062006\J594674.raw

FYI

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:24; Xaa Pos. 4  
Seq#:32; Xaa Pos. 5  
Seq#:43; Xaa Pos. 6  
Seq#:44; Xaa Pos. 5  
Seq#:45; Xaa Pos. 4  
Seq#:46; Xaa Pos. 3  
Seq#:47; Xaa Pos. 2  
Seq#:51; Xaa Pos. 5

Invalid <213> Response:

Use of "Artificial" only as "<213> Organism" response is incomplete, per 1.823(b) of New Sequence Rules. Valid response is Artificial Sequence.

Seq#:1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27  
Seq#:28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51  
Seq#:52

## VERIFICATION SUMMARY

DATE: 11/06/2006

PATENT APPLICATION: US/10/594,674

TIME: 11:00:30

Input Set : A:\604-790 sequence listing.txt

Output Set: N:\CRF4\11062006\J594674.raw

L:9 M:270 C: Current Application Number differs, Replaced Application Number

L:10 M:271 C: Current Filing Date differs, Replaced Current Filing Date

L:335 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:24 after pos.:0

L:455 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:32 after pos.:0

L:616 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:43 after pos.:0

L:637 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:44 after pos.:0

L:658 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:45 after pos.:0

L:678 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:46 after pos.:0

L:699 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:47 after pos.:0

L:761 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:51 after pos.:0